APPENDIX E: CLEANING THE LUMINOMETER LENS BIOMEK® 2000 AUTOMATION WORKSTATION PROCEDURES MANUAL-FORENSIC BIOLOGY SECTION PROCEDURE MANUAL, SECTION IV Effective Date: 8-August-2005

APPENDIX E: CLEANING THE LUMINOMETER LENS

- 1. Turn off the Luminometer and unplug the unit.
- 2. Unscrew the four (4) Allen screws in the back of the Luminometer and take off the top cover.
- 3. Unscrew the four (4) finger screws and remove the cover from the optical unit.
- 4. Unscrew the three (3) long finger screws that hold the optical unit to the base.
- 5. Unplug the multi-colored ribbon cable from the optical unit.
- 6. Remove the optical unit from the base. The lens is on the underside of the optical unit.
- 7. Clean the lens first with lens paper. If lens is still dirty use 70% isopropyl alcohol on a swab to clean the lens. **DO NOT** use 70% **EtOH or 95% EtOH to clean the lens.**
- 8. Remove the light shield from the base (it sits in the hole directly underneath the lens when the lens is attached to the base).
- 9. Clean the light shield with 70% Isopropyl alcohol.
- 10. Make sure that the lens and light shield are dry before replacing them.
- 11. Replacement is the reverse of the removal.

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